What is Claimed is:

1. A method of applying an adhesive to a substrate in an imagewise fashion; the method comprising:

providing a substrate having a latent adhesive image thereon; and applying a plasticizing agent to activate the latent adhesive image to form an adhesive image.

2. The method of claim 1 wherein providing a substrate having a latent adhesive image thereon comprises:

providing a substrate;

applying a latent adhesive toner in an imagewise fashion to the substrate; and

fusing the latent adhesive toner to the first substrate to form a latent adhesive image.

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3. The method of claim 2 wherein the latent adhesive toner comprises latent adhesive particles comprising a latent pressure sensitive adhesive comprising a copolymer having a Tg greater than about 10°C which is formed from components comprises:

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about 50 wt% to about 70 wt% of a high Tg comonomer component, wherein the homopolymer formed from the high Tg comonomer component has a Tg of at least about 20°C;

optionally, up to about 20 wt% based on the total weight of the base copolymer of an acidic comonomer; and

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about 30 wt% to about 50 wt% of one or more low Tg (meth)acrylate comonomer, wherein the Tg of the homopolymer of the low Tg comonomer is less than about 20°C, and

4. The method of claim 3 wherein the high Tg comonomer component is an ethylenically unsaturated monomer or mixture thereof.

5. The method of claim 3 wherein the high Tg comonomer component is selected from the group consisting of lower alkyl (C1-C4) methacrylates, vinyl esters, N-vinyl lactams, substituted (meth)acrylamides, maleic anhydride, (meth)acrylate esters of cycloalkyl, aromatic or bridged cycloalkyl alcohols, styrene, substituted styrene or mixtures thereof.

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- 6. The method of claim 3 wherein the high Tg comonomer component is selected from the ethyl methacrylate, methyl methacrylate, isobornyl acrylate, isobornyl methacrylate, 4-t-butyl cyclohexyl methacrylate, 4-t-butyl cyclohexyl acrylate, cyclohexyl methacrylate, N,N-dimethyl acrylamide, N,N-dimethyl methacrylamide, acrylonitrile, and mixtures thereof.
- 7. The method of claim 3 wherein the low Tg (meth)acrylate comonomer is a monofunctional unsaturated monomer.
- 8. The method of claim 3 wherein the monofunctional unsaturated monomer is a (meth)acrylate ester of non-tertiary alkyl alcohols, the alkyl group of which comprise from 1 to about 18 carbon atoms; and mixtures of (meth)acrylate esters of non-tertiary alcohols.
- 9. The method of claim 3 wherein the (meth)acrylate monomer, when homopolymerized has a Tg below 20°C and has the general formula:

$$R^{1} O = C - C - C - CR^{2}$$

wherein R¹ is H or CH₃, the latter corresponding to where the

(meth)acrylate monomer is a methacrylate monomer and R² is selected from
linear or branched hydrocarbon groups and may contain one or more heteroatoms
and the number of carbon atoms in the hydrocarbon group is 1 to about 18.

10. The method of claim 9 wherein the (meth)acrylate monomers are selected 30 from the group consisting of n-butyl acrylate, ethoxyethoxyethyl acrylate, 2ethylhexyl acrylate, isooctyl acrylate, lauryl acrylate, and mixtures thereof.

- 11. The method of claim 3 wherein the acidic comonomer is ethylenically unsaturated carboxylic acid, ethylenically unsaturated sulfonic acid, ethylenically unsaturated phosphonic acid and mixtures thereof.
- 5 12. The method of claim 11 wherein the acidic comonomer is acrylic acid, β-carboxyethyl acrylate and methacrylic acid.
 - 13. The method of claim 1 wherein the plasticizing agent is non-volatile.
- 10 14. The method of claim 1 wherein the plasticizing agent is non-reactive.
 - 15. The method of claim 1 wherein the plasticizing agent is an ester of a mono- or multibasic acid.
- 15 16. The method of claim 1 wherein the plasticizing agent is a polyurethane, polyurea, polyvinylether, polyether, polyester, polyacrylate, or mixtures thereof.
 - 17. The method of claim 14 wherein the plasticizing agent is selected from the group consisting of polyalkylene oxides having weight average molecular weights of about 150 to about 5,000; alkyl or aryl functionalized polyalkylene oxides; benzoyl functionalized polyethers; monomethyl ethers of polethylene oxides; monomeric adipates; polymeric adipates; citrates; phthalates; phosphate esters; glutarates; and mixtures thereof.

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- 25 18. The method of claim 2 wherein the latent adhesive further comprises one or more of an initiator, at least one chain transfer agent, and at least one crosslinking agent.
- The method of claim 2 wherein applying a latent adhesive toner
 comprises applying the toner in an electrophotographic process, a magnetic process, or an electrostatic process.

- 20. The method of claim 19 wherein applying a latent adhesive toner comprises applying the toner in an electrophotographic process or a magnetic process.
- 5 21. The method of claim 19 wherein applying a latent adhesive toner comprises applying the toner in an electrophotographic process.

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- 22. The method of claim 2 wherein the latent adhesive toner comprises latent adhesive particles comprising a latent, over-tackified, pressure sensitive adhesive.
- 23. The method of claim 22 wherein the latent over-tackified pressure sensitive adhesive comprises a natural rubber, synthetic rubber, styrene block copolymer, (meth)acrylic, poly(alpha-olefin), or silicone.

24. A method of adhering substrates together using an adhesive printed in an imagewise fashion; the method comprising:

applying a latent adhesive toner in an imagewise fashion to a first substrate, wherein the latent adhesive toner comprises single-composition latent adhesive particles;

fusing the latent adhesive toner to the first substrate to form a latent adhesive image;

activating the latent adhesive image to form an adhesive image; and applying a second substrate to the adhesive image disposed on the first substrate.

- 25. The method of claim 24 wherein the latent adhesive toner comprises latent adhesive particles comprising an acrylic, urethane, phenolic, polyimide, cyanate ester, or epoxy.
- 26. The method of claim 24 wherein the latent adhesive toner comprises latent adhesive particles comprising an acrylic polymer with crystalline side chains.

- 27. The method of claim 24 wherein the latent adhesive toner comprises latent adhesive particles comprising an epoxy acrylic or epoxy polyester structural or semi-structural adhesive.
- 5 28. The method of claim 24 wherein the latent adhesive toner comprises latent adhesive particles comprising a polyester or polyamide adhesive.
 - 29. A method of adhering substrates together using an adhesive printed in an imagewise fashion; the method comprising:
 - applying a latent adhesive toner in an imagewise fashion to a first substrate, wherein the latent adhesive toner comprises structural or semistructural latent adhesive particles;

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fusing the latent adhesive toner to the first substrate to form a latent adhesive image;

- activating the latent adhesive image to form an adhesive image; and applying a second substrate to the adhesive image disposed on the first substrate.
- 30. A method of making a latent adhesive toner comprising polymer particles, the method comprising:

providing polymerizable monomers and a colloidal stabilizer under conditions effective to form a polymer;

subjecting the polymer to shearing forces to form polymer particles of 1 micron or less particle size; and

adjusting the pH to reduce the amount of coagulation of the polymer particles.